

FIG. 2

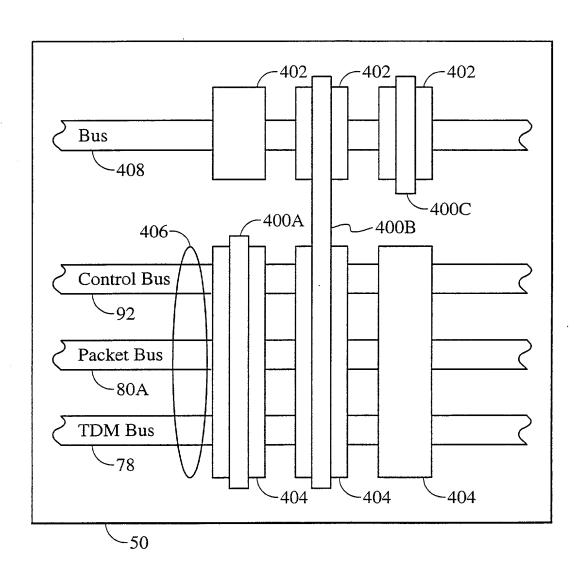


FIG. 3A

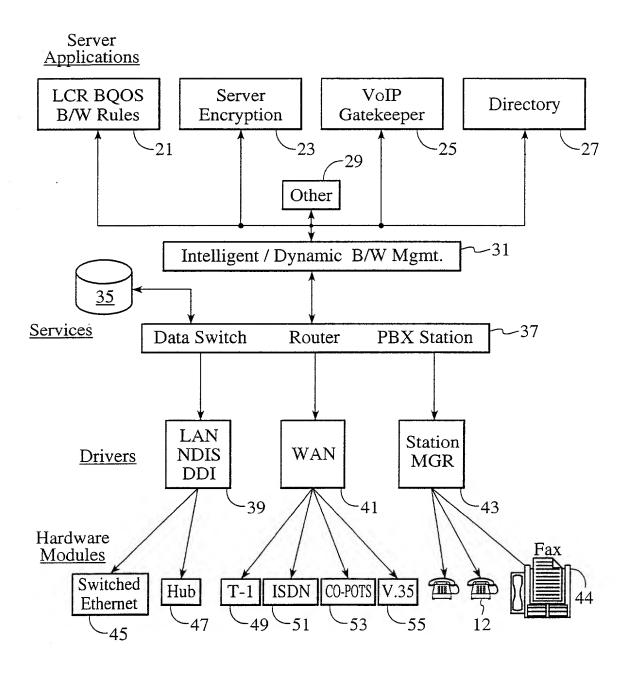


FIG. 4

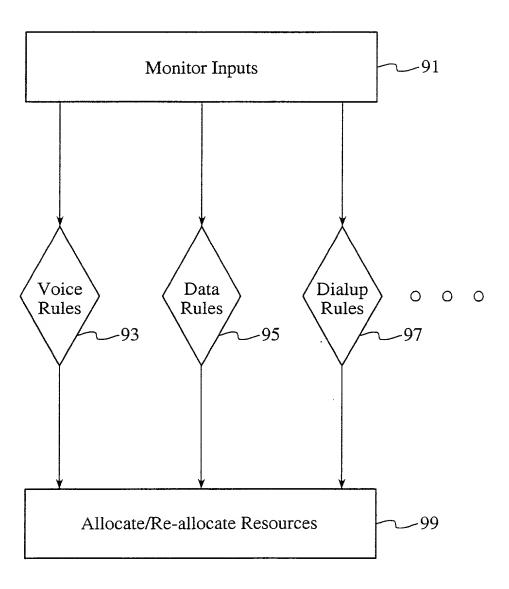
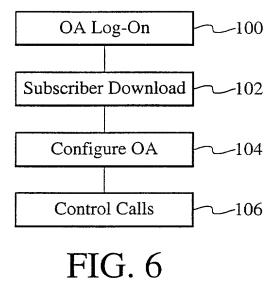


FIG. 5



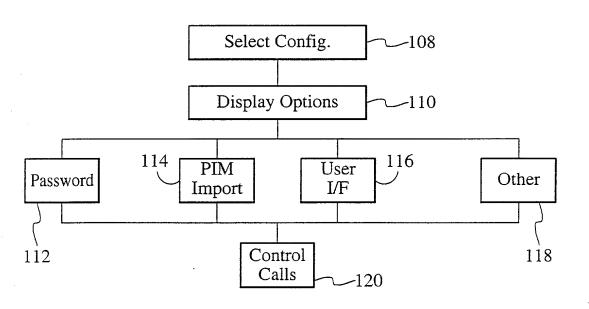


FIG. 7

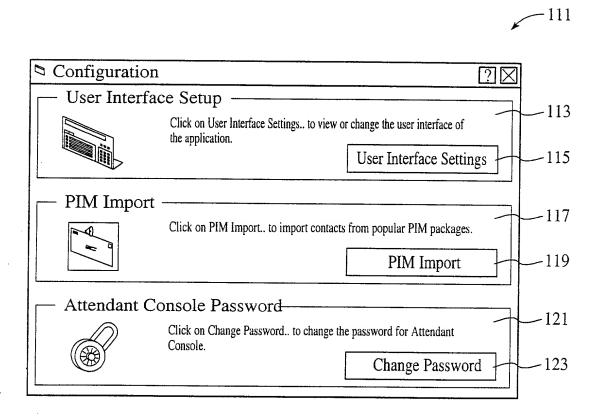
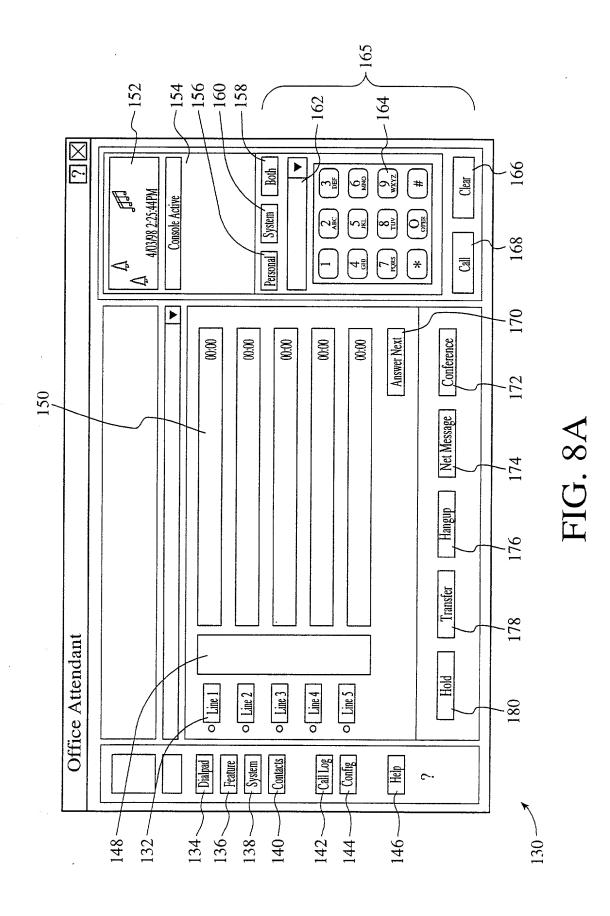


FIG. 7A



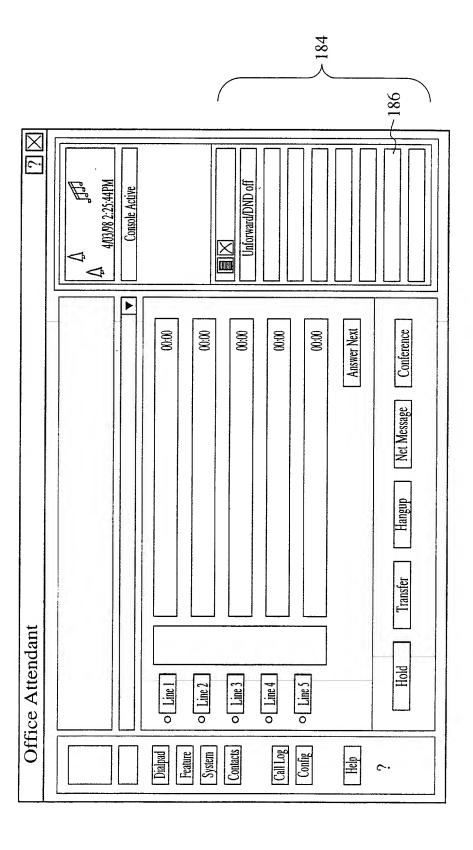


FIG. 8B

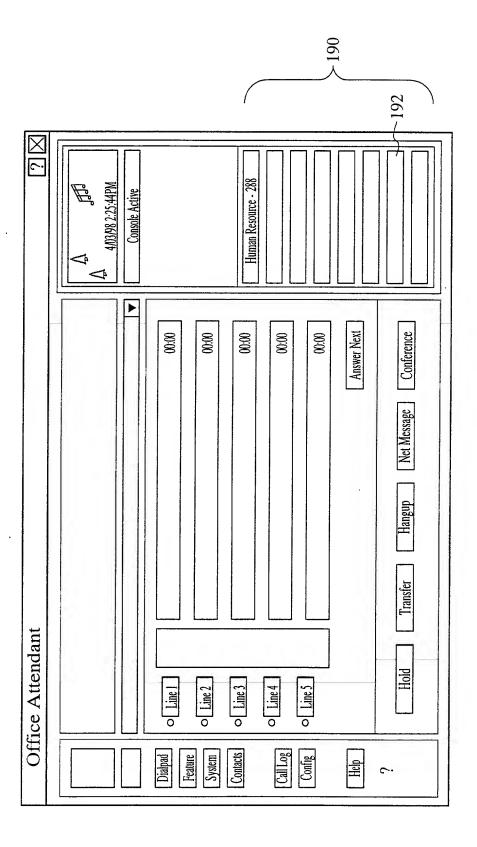


FIG. 8C

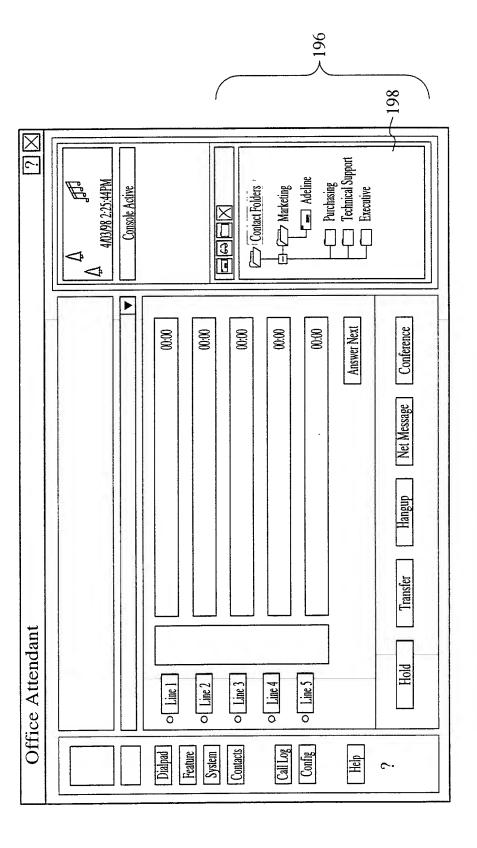


FIG. 8D

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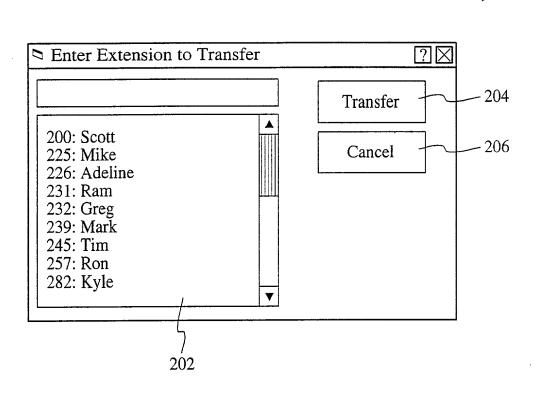


FIG. 9A

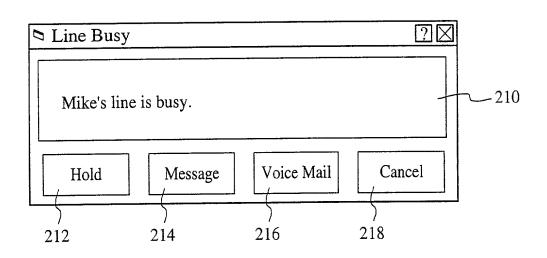


FIG. 9B

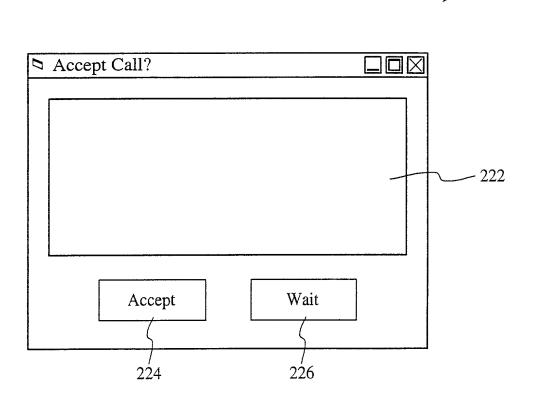


FIG. 9C

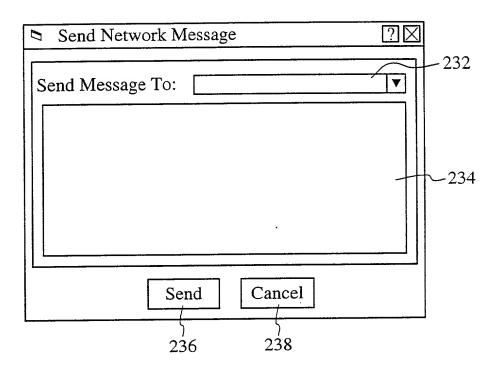


FIG. 10A

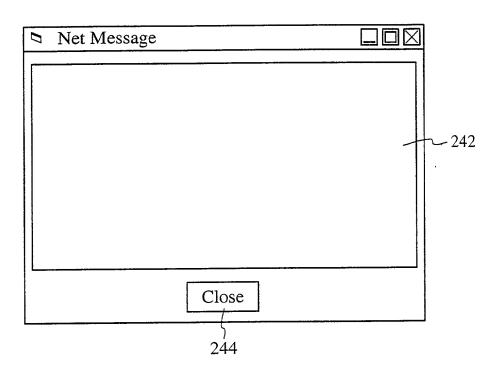
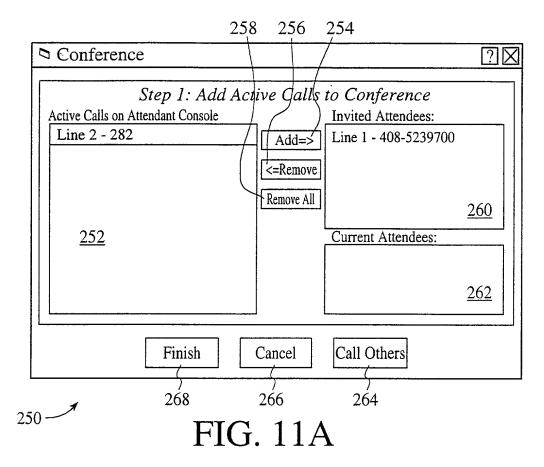


FIG. 10B

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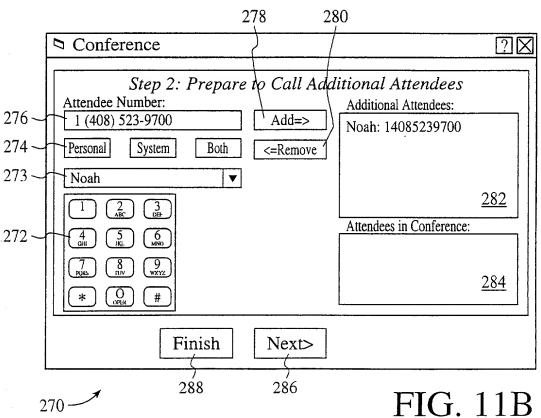
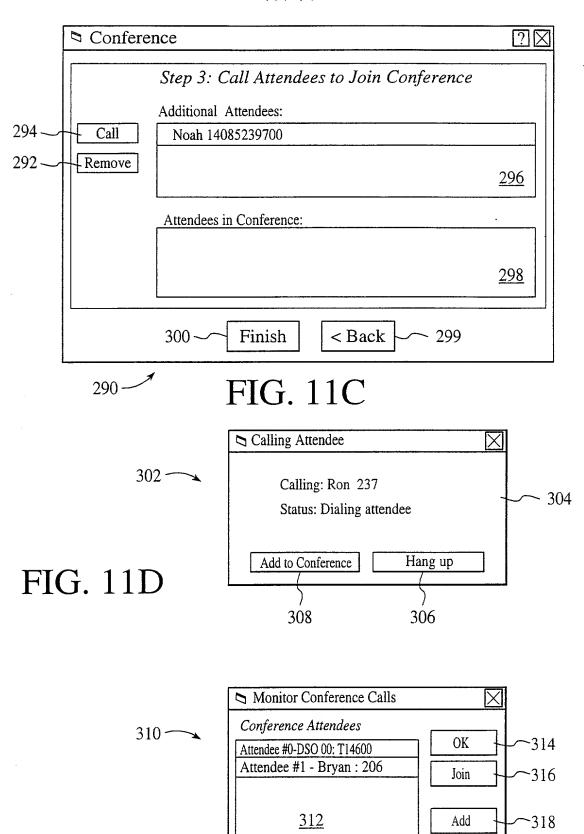


FIG. 11E



320

Remove

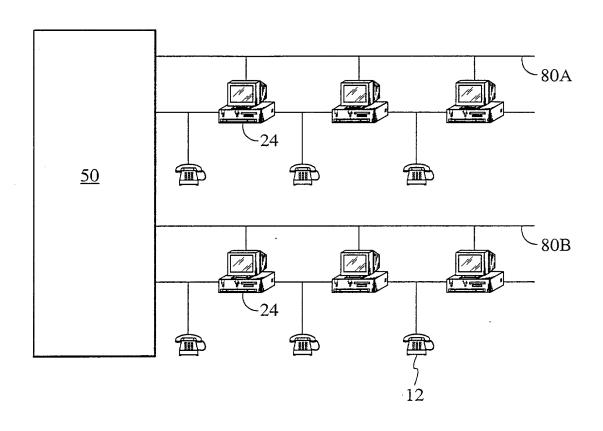


FIG. 12

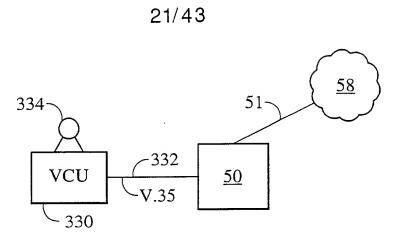


FIG. 13A

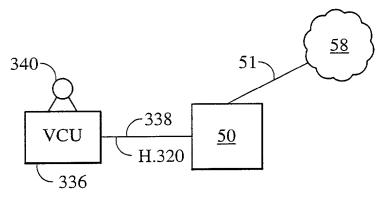


FIG. 13B

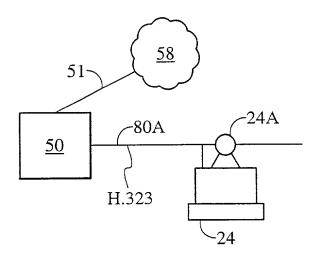


FIG. 13C

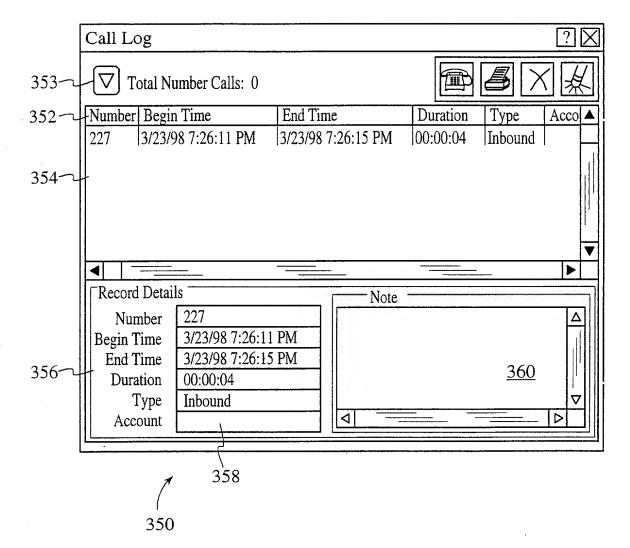


FIG. 14

InstantOffice Remote Mana	gement Console
Log Off	Dragnostics Help
General Administration	
Chassis View Password Administration	Access Permissions
General Settings 🖼 SNMP Configuration	SNMP Alarms
Software Versions System Backup/Restore	Software Upgrade
Call Detail Report Separation	Date and Time
Restart InstantOffice	
PBX, Voice Mail, and CTI Administration	
Extension Configuration Hunt Groups	Local TAPI Configuration
Auto Attendant & Voice Mail Station Ports	CTI Speed Dial No.
First Digit Table	
Data Administration	
IP Network Settings	
IPX Configuration Network Services & Adapters	
Trunk Administration	
Trunk Groups	Frame Relay
T-1 Trunks Analog Trunks	

FIG. 15

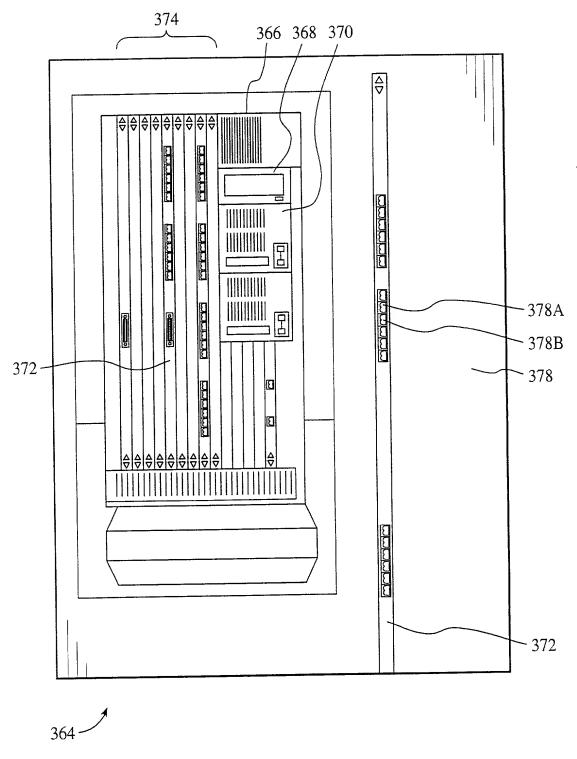


FIG. 16A

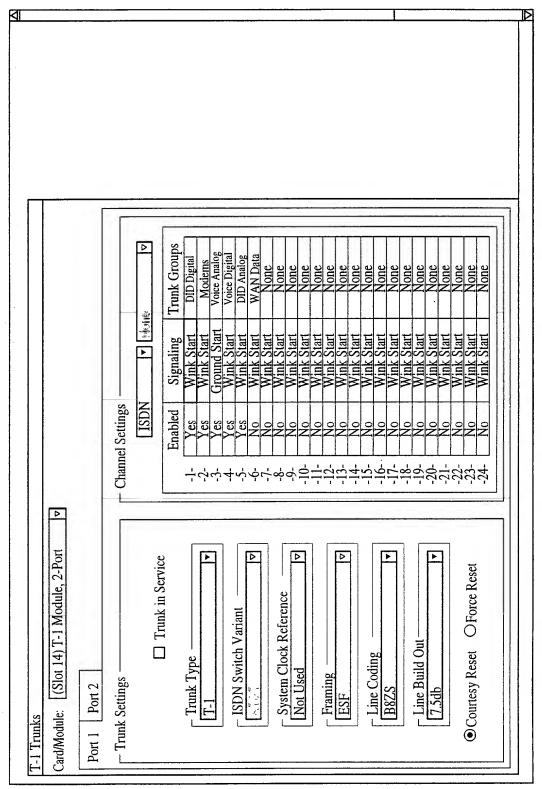


FIG. 16B

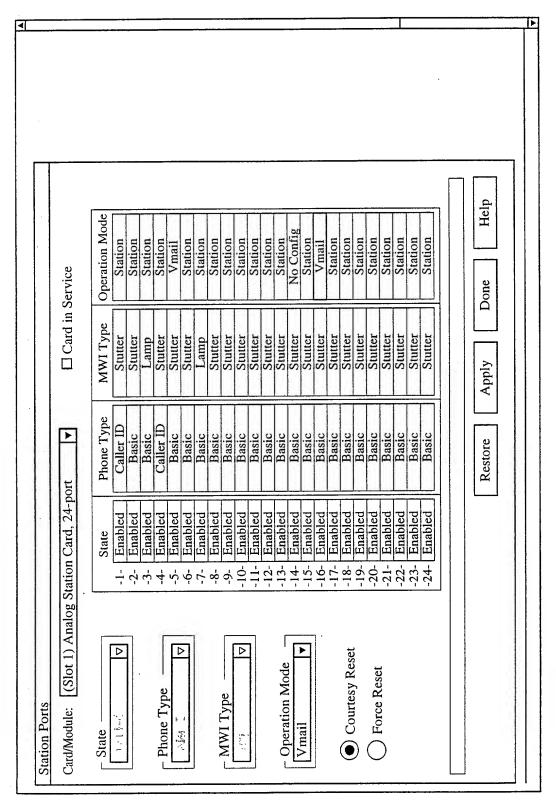


FIG. 16C

Analog Trunk Configuration
Card/Module: None ▼
Port Parameters Signaling Trunk Group
Port Settings —
Enabled Signaling Trunk Group
□ Courtesy Reset Default
Restore Apply Done Help

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FIG. 16D

	D 1 C C		
Frai	me Relay Configu	ration	
Virt	ual Port:	Z □ Removed	Add
[— Port Settings —		
	Name:		
	DLCI (16-991)	100	
	LMI Mode:	User	▼
	LMI Type:	T1.617 Annex D	▼
	Encapsulation:	RFC1490	▼
	Restore	Apply Done	Help
	A		
3	386		

FIG. 16E

— Host Name —	Domain Name
pbxlab04	vertical.com
Network Interface: [1] Res	source Switch Card: 10BT Ethernet
IP Address DNS WINS	
Windows Internet Name S	Services (WINS)
Primary WINS Server:	Secondary WINS Server:
192.168.1.2	
☐ Enable DNS for W	indows Resolution
Scope ID:	
	-
Restore Ap	ply Done Help

FIG. 16F

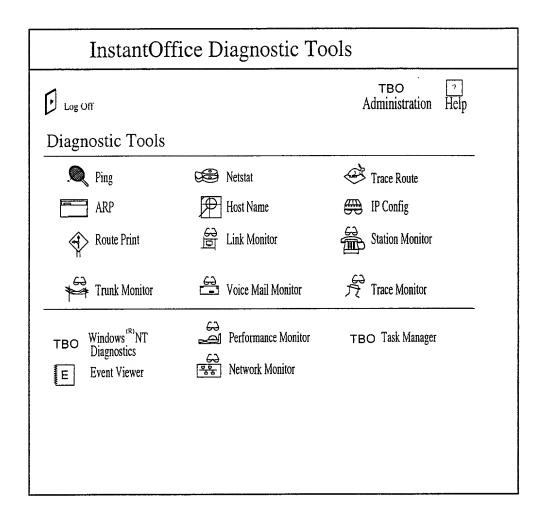


FIG. 17A

,

∇				<	iΤ								Τ										-				>		
	in secs): [[Calling Party			302	303	304	305	306	8481307	8481308	8481309	8481310	8481311	8481312	8481313	8481314	8481314	8481314	8481314	8481314	8481314	8481314	8481314		8481314		
	Polling Intervals (in secs): [1]	Refresh	Called Party																										
		Demand	State	Incoming Call	Outbound Call	_	Outbound Call	Done																					
	O Use Periodic Polling	 Refresh On Demand 	Port																									D	
	0	•	_	3	3	3	3	3	3	3	3	n	E	3	3	3	\mathcal{C}	ϵ	3	3	3	3	3	3	3	3	3		
tor			Board	T1 Card	T1 Card	T1 Card	T1 Card	T1 Card	T1 Card	T1 Card	T1 Card	T1 Card	T1 Card	T1 Card	T1 Card	T1 Card	T1 Card	T1 Card	T1 Card	T1 Card									
Trunk Monitor			Slot	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14		

FIG. 17B

	0	O Use Periodic Polling		Polling Intervals (in secs):	ecs): 1	
	•	Refresh on Demand		Refresh		
Slot	Board	Port	Admin	Auto Partition	Link	
7	Ethernet Hub Card	15	Enabled	No	No Link	◀
7	Ethernet Hub Card	16	Enabled	No	No Link	
7	Ethernet Hub Card	17	Enabled	No	No Link	
7	Ethernet Hub Card	18	Enabled	No	No Link	
7	Ethernet Hub Card	61	Enabled	No	No Link	
7	Ethernet Hub Card	20	Enabled	No	No Link	
7	Ethernet Hub Card	21	Enabled	No	No Link	
7	Ethernet Hub Card	22	Enabled	No	No Link	
7	Ethernet Hub Card	23	Enabled	No	No Link	
7	Ethernet Hub Card	24	Enabled	No	No Link	
5	Resource Switch C	1	Enabled	No	No Link	
	Resource Switch C	2	Enabled	No	No Link	
	Resource Switch C	3	Enabled	No	Link	_
5	Resource Switch C	4	Enabled	No	No Link	_
	Resource Switch C	5	Enabled	No	No Link	-
	Resource Switch C	9	Enabled	No	No Link	-
5	Resource Switch C	7	Enabled	No	No Link	
	Resource Switch C	8	Enabled	No	No Link	_
	Resource Switch C	6	Enabled	No	No Link	
5	Resource Switch C	10	Enabled	No	No Link	
5	Resource Switch C	11	Enabled	No	No Link	
5	Resource Switch C	12	Enabled	No	No Link	>
				Ĭď	Done	
-						

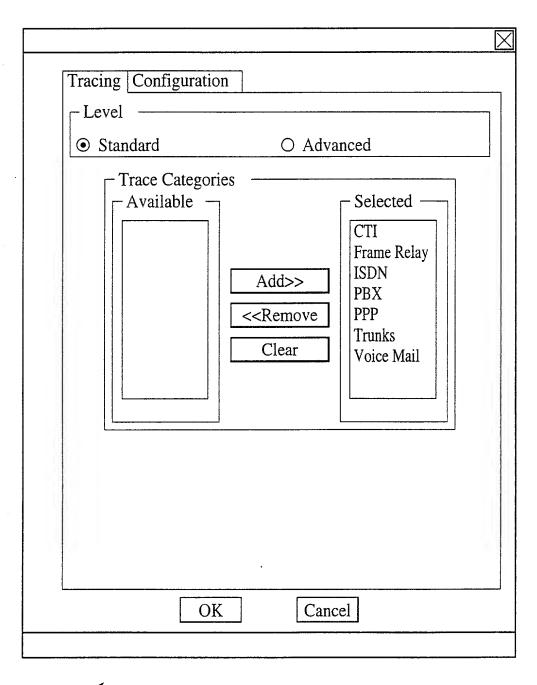
FIG. 17C

Extension State Other Party Display Name Card Port Chibook Active Offhook Active Default 0 0 100 Idle Default 0 0 101 Idle Default 0 0 103 Idle Default 0 0 104 Idle Default 0	Link Monitor						
● Refresh on Demand Refresh ate Other Party Display Name Card Port k Active Default 0 0 0 s not op Default 0 0 0 s not op Default 0 0 0 Default 0 0 0 0 Default 0 0 0 0 Default 0 </th <th></th> <th>0</th> <th>Use Periodic Po</th> <th>!</th> <th>olling Interval</th> <th>s (in secs):</th> <th></th>		0	Use Periodic Po	!	olling Interval	s (in secs):	
Rective		•		and Due	Refresh		
k Active Default 0 0 b Canult 0 0 0 Default	Extension	State	Other Party	Display Nar			
k Active Default 0 0 b Default 0 0 0 Default 0		Offhook Active		Default	0	0	4
k Active Default 0 0 s not op Default 0 0 Default 0		Offhook Active		Default	0	0	
k Active Default 0 0 s not op Default 0 0 b Default 0 0 0 Default 0		Offhook Active		Default	0	0	-
k Active Default 0 0 s not op Default 0 0 s not op Default 0 0 Default 0 0 0 Default 0 <t< td=""><td></td><td>Offhook Active</td><td></td><td>Default</td><td>0</td><td>0</td><td></td></t<>		Offhook Active		Default	0	0	
k Active Default 0 0 s not op Default 0 0 Default 0 0		Offhook Active		Default	0	0	=
k Active Default 0 0 k Active Default 0 0 k Active Default 0 0 s not op Default 0 0 s not op Default 0 0 Default 0 0		Offhook Active		Default	0	0	
k Active Default 0 0 k Active Default 0 0 k Active Default 0 0 s not op Default 0 0 s not op Default 0 0 Default 0 0		Offhook Active		Default	0	0	
k Active Default 0 0 k Active Default 0 0 s not op Default 0 0 s not op Default 0 0 Default 0 0 0		Offhook Active		Default	0	0	
k Active Default 0 0 is not op Default 0 0 is not op Default 0 0 Default 0 0 0		Offhook Active		Default	0	0	
is not op Default		Offhook Active		Default	0	0	
Default 0 0 0	571	Phone is not op		Default	0	0	
Default 0 0	572	Phone is not op		Default	0	0	
Default 0 0	100	Idle		Default	0	0	
Default 0 0 Defa	101	Idle		Default	0	0	
Default 0 0	102	Idle		Default	0	0	
Default 0 0 Default Default O 0 Default Defa	103	Idle		Default	0	0	
Default 0 0 0 Default O 0 0 Default O O O O Default O O O O Default O O O O O O Default O O O O O O Default O O O O O O O O Default O O O O O O O O O	104	Idle		Default	0	0	
Default 0 0 0 Default 0 0 0 Default 0 0 0 Default 0 0 0 Default O 0 0 Default O O O Default O O O Default O O O O O Default O O O O O Default O O O O O O Default O O O O O O O Default O O O O O O O O Default O O O O O O O O O	105	Idle		Default	0	0	
Default 0 0 Default 0 0 Default 0 0 Default 0 0 Default O 0 Default O O Default O O O O O Default O O O O O Default O O O O O O Default O O O O O O Default O O O O O O O O Default O O O O O O O O O Default O O O O O O O O O	106	Idle		Default	0	0	- 5
Default00Default00Default00	107	Idle		Default	0	0	
Default 0 0 Help	108	Idle		Default	0	0	
Done	109	Idle		Default	0	0	>
Warning: Annlat Window							
	Woming: Apple	at Window				· · · · · · · · · · · · · · · · · · ·	

FIG. 17D

Remote Trace Monitor
00111100 10.40.14.650 111.34 Decision English - 1 1.8 Address - (101) Intermet - 5 Cheen - (1000)
09/11/98 10:40:14:338 Hatcmgr-> Registry for DeviceO - Enabled = 1 to Address = (101), interrupt = 3, SucainClain = 00000300 09/11/98 10:45:05:011 NwModule==> Receiving Thread Msg ==> Type (17) From (2) to (3) 09/11/98 10:45:05:011 NwModule==> InServiceAck - CM = 808AFADO, Streamchan = 00008500
09/11/98 10:45.05.011 NWModule==> Receiving Lineau mag ==> 1/PC (17) From (4) NC 09/11/98 10:45:05:011 NwModule==> InServiceAck - CM = 808AFAE8, StreamChan = 000008501 09/11/98 10:46:21:341 cm==> Database Inconsistency - StreamChan = 0000000d Not Configured
09/11/98 10:46:21:411 cm==> Database Inconsistency - StreamChan = 0000000c Not Configured
Stop Suspend Search Clear Options
Tracing in Progress

FIG. 17E



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FIG. 17F

Tracing Configuration Level Standard Available Categ Component AAServer CDataRep CTICS	Advanced gories and Filters Trace Filters Server
Connection Mana DSP Manager Add Selected Categories	Remove Clear
	OK Cancel

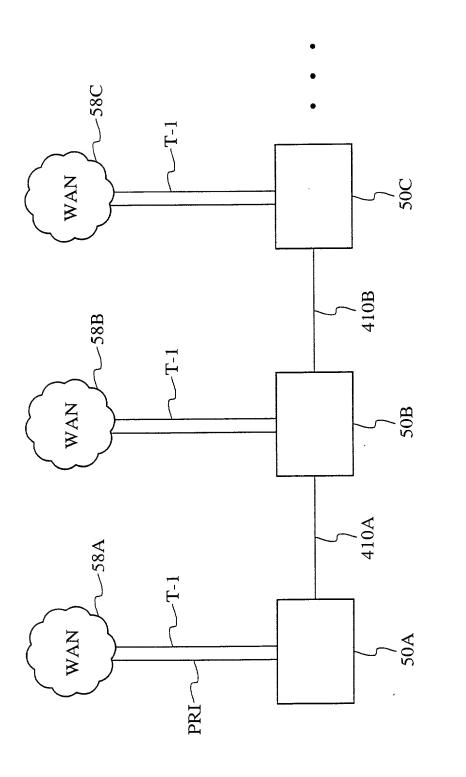
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FIG. 17G

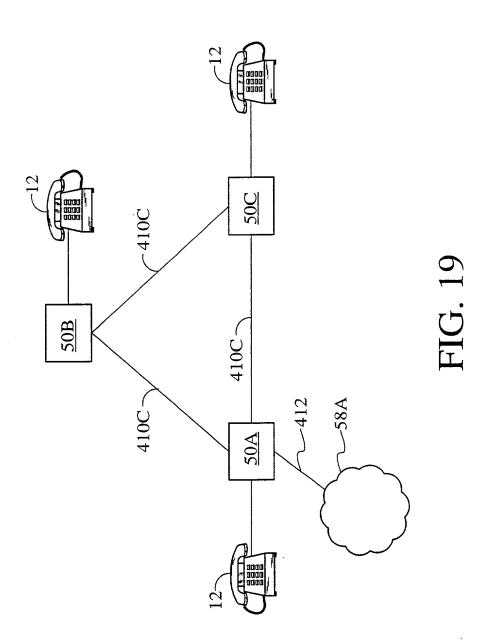
Mode -					
• Real-T	Time				
○ File					
Number	of Entries	Displayed	l		
1		1		1	1
500	1000	15	00	2000	2500
Poll Inte	rval in Sec	onds			
<u> </u>	1		ı	1	ı
0	<u>l</u>	2	3	4	5
File Sear – Start Ti	ch Parame	eters —			
YYYY	MM	DD	НН	MM	SS
1998 ▼		01▼	nn 12 ▼	00 🔻	00 ▼
					٥٠٠
- End Tir					
YYYY	MM	DD	HH	MM	SS
2001 ▼	12 ▼	31 ▼	23 ▼	59 ▼	59 ▼
			-		

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FIG. 17H



FG. 18



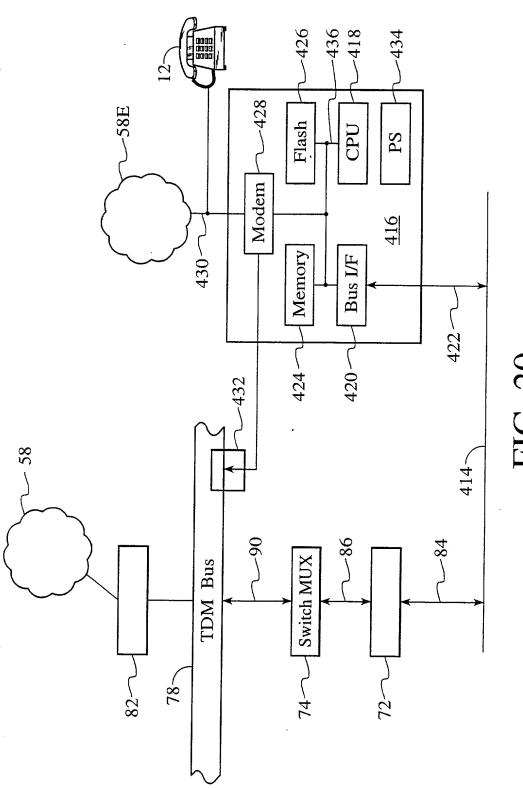


FIG. 20

📮 Instar	tOffice OfficeCommunicator
File View	Call Control Dial Pad Help
Messages Transfer Hold Hangup Join	Calls:
Net Msg Call Log Config. Help	Directory Listing: Type Name Here Dial Pad

FIG. 22

		\boxtimes
Type Nam	ne Here	▼
Mess	sage Waiting OFF	
	Tim	
	141	

FIG. 23

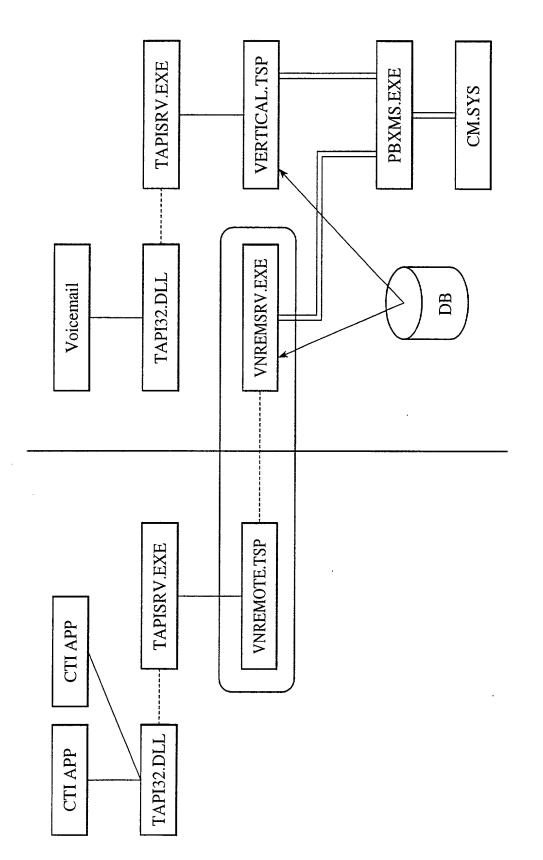


FIG. 24

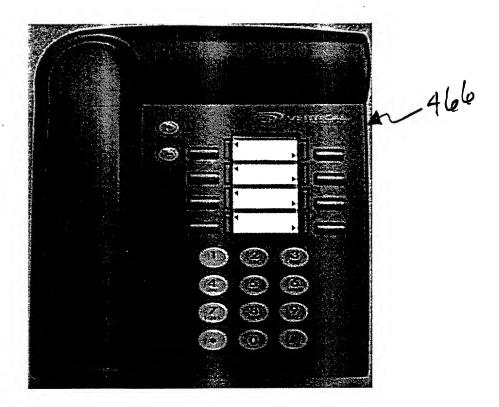
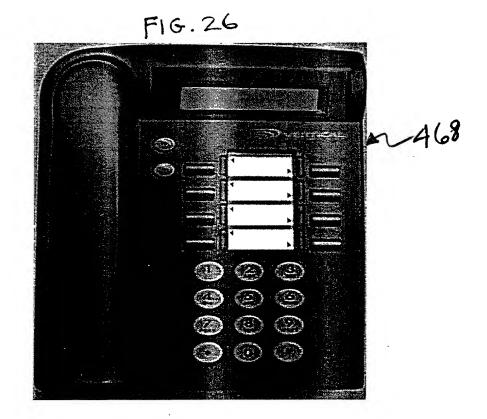


FIG. 25



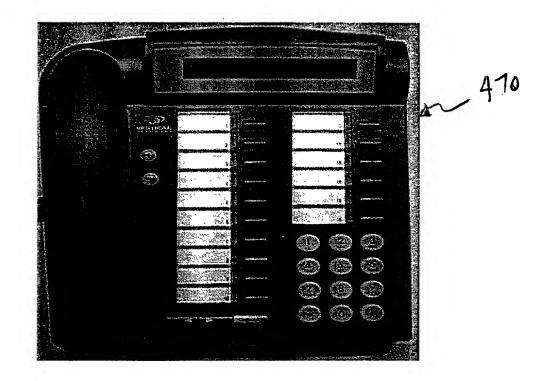
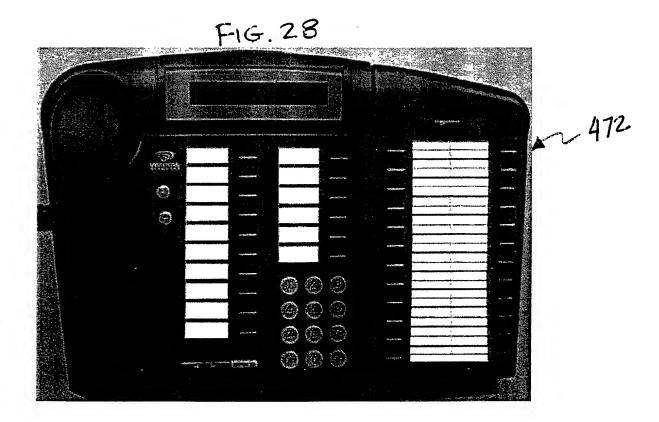


FIG. 27



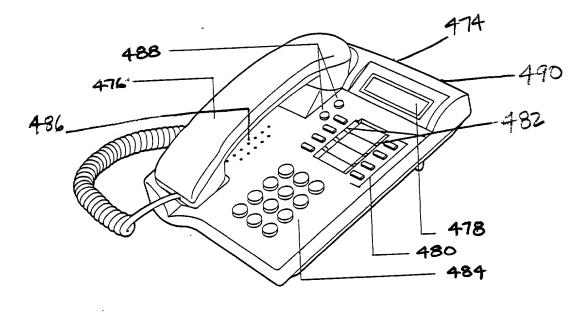


Fig. 29

		492		274
4300000	r Marina Sweeney			× 44
dension Overview Tale	phone Forwarding Picku			
SloUPort. Access Profile	Slot 1 (Digital)	Port 9: Marina 8	Sweeney	5
≟anguage:	(Use System Default)			
Telephone U C. Allendan	1		TREE	
🙃 Normal T	elephone · · · · · · · · · · · · · · · · · · ·			
2. 10. 14. 14. 15. 15. 15. 15. 15. 15. 15. 15. 15. 15	défault as configured in Gen	eral Settings		
C Usethe of Sending	ompanys main number information			
			Kan Caricel s	Help 🗷
		30		
	r (G	493	((

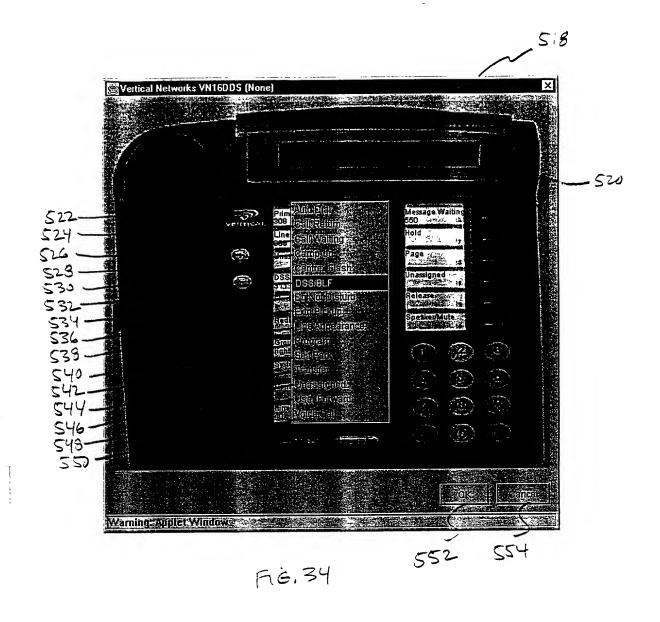
Configure User				X	
Display Name: Marina Sween					
Extension: 888, 99					
Gverview Telephone Forwa	ding Pickup Group	10 10 10 10 10 10 10 10 10 10 10 10 10 1		14.00	506
	n the list of supported telephon the StotPort you have selected			lices may	
Vertical Networks VN16DDS	The distribution are settled.				-508
Would you like to enable the t	elephone set?				
Cives Ci No					
Select the template from the I	st below. The available choice				
have selected above. For digit programmable button setting	al telephones, the "Customize s on the telephone.	Edution allows y	Anto Woolly II		
Featured		Customize			514
Features	TOTAL TOTAL				
Log Call Waiting					
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
		TOK TOK	Cancel	Hein	
	TAXING TAX				
		448	() ()) 02	
	Fig. 31	7 10	J.	•	

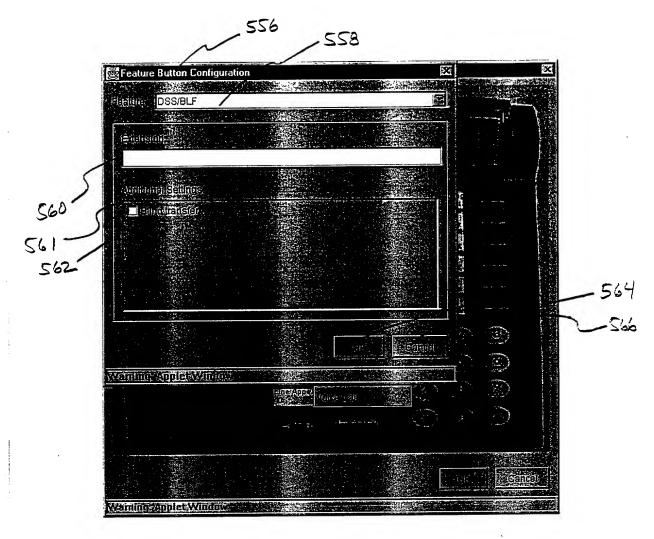
olay Name Marina Sweeney		
nsion 300 17 page		
erview Telephone Forwarding Pick	ip Group	
elect the telephone type from the list of	supported telephone types below: The availab you have selected on the Overview tab.	le choices may
errical Networks VN16DDS	T The second sec	
Yould you like to enable the telephone s		
Aes Andrews Action of the ferential established a		
No salas		
elect the template from the list below. T ave selected above. For digital telephor rogrammable builton settings on the tel	ne available choices are determined by the le es, the "Customize." button allows you to me enhane	lephane type yat adify the
eatured	Customize.	
Pasic		
DSS/BLF Featured		
Retail Retail 2	1	
Becretarial Becretarial 2		
None)	Z A C Z OKER Z C	ancel Fie
	THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NAMED IN COL	

Fig. 32



Fie. 33 518

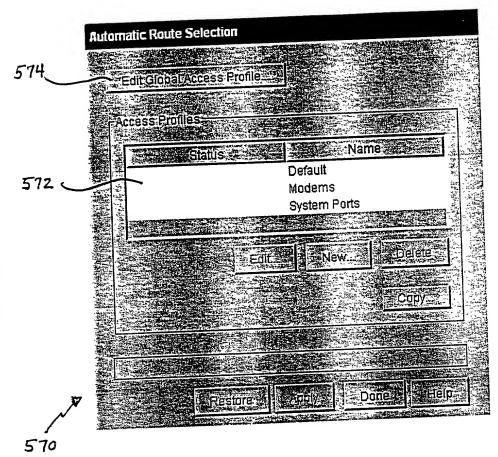




F16,35

	Feature Primary			T.
Carrier Control	Telephone Number:			
		Links to the second sec		
	/Lacinonal Scillers			
Ó	្នា ខល់វិលី ខ្លាំស្រាប់ខ្លែងខ្លែងខេ			
1	Displacestic scaling		1.19A	
	■ Oniood@are			
	Zuj iji≘i a⊜iandagianin€:	វេធិត្តសាធនៈ ខានៃ ខានា	eratet	
			g or se	neels

Fig. 36



F16.37

A American	Premise Extension Table	
initial Digits	Routing Table	Intercept Target
311	Route 2	•
5853204	intercepted>	550
	Intercepted>	
	Blocked	
	Route 2	
	Route 1	
	(New Routing Table)	
		gg - e garage
	Enerodinogrables	New Delete
		AND THE STREET

F16.38A

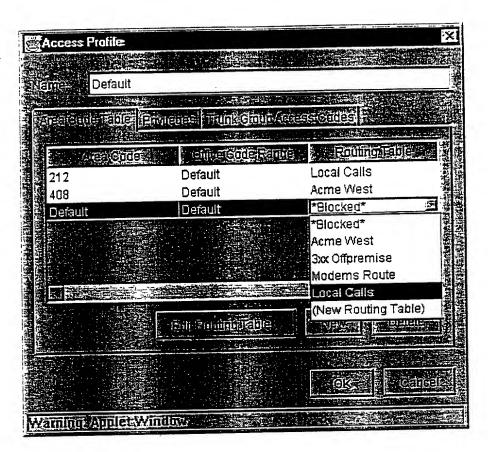


FIG. 388

ige		ng Table	age of the second
The state of the s	3xx Offpremise		
-		Action in the second	
dit Routing T	able. SN	æw.: De	alete 🛒
Los Millore Textile	であるというでは、	ではないないできた でき	17 C2410
TO SECURITION OF THE		and the contract of the contra	10 m
TELEGRAPHICAL TON	and the second second	and Committee Committee	de company
	-dit Routing T	dit Routing Table.	dit Routing Table. New De

F16, 38c

Access Profile Name Default Area Code Table Privi	leges Trunk Group Acces	× Codes
Area Code	Office Code Range	Routing Table
212	Default	Local Calls
408	Default	Acme West
Default	Default	*Blocked*
		Blocked
		Acme West
		3xx Offpremise දී ි
		Modems Route
		Local Calls
		(New Routing Table)
	Edit Routing Lable	Mam 1 3 To Delicie
		Cancel C
Warning: Applet Wind	ow was the same	

F16. 39A

me: Default			
rea Code Table	Privileges, Trunk Gr	oup Access Codes	
nternational (01:1).	Routing Table: *810	ocked*	~
		Edit Routing Table.	
amer Access Coo	le Destination;; <mark>T1</mark>	Interface 1	Y.
		The Committee	

F16.39B

Jame: Def			The state of the s
Aréa Code Ta	ble Privileges Trunk Gr	oup Access Codes	
NAME OF THE OWNER, OWNE		Permission Allowe	A TENEDE
	ccess Code		
83 80		<u>~</u>	
82		☑	
84		☑	**
81		The second secon	intermedial annique of con-
			Consol
		OKC. [5	Cancel

F16.39c

ame: [ocal Calls			30.87.27.23.25 30.87.27.23.25			
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Step	Strip First	Keep Last n Digits		Pastpend Digits	Destination	Service Code	Up
1		3	1		T1 Interface		3 Down
2	0		12		T1 Interface Voice An		
3					Testing T1 Interface 1 T1 Interface 2		
1					Modems DID Digital		
			lew Del	ete al	DID Analog Voice Digital		
					Voice Analog		

F16:40

First Digits Local Area C	odes							
Digit(type)								A. Stanffer
(1/Alientein)	Digi	Type: External			C 12 Man			
(Extension)		litional:Settings			er er se		450 T	
2 (Extension)	22.1-443.40	C'one-Digit ⊴C	Two-Digit					100
A Court of the Cou		Access Code	Routing	*Collect Digits	.n 1	Dialtone	[# A	
3 (Edension)		80	T1 Interface 1 .	3		ᅜ		
4 (Not Configured)		81	T1 Interface 2	5		区	8.4	
10 1 marsh and the second second		82	Voice Digital	4	1	<u> </u>		
-5 (Extension)		83	Voice Analog	24		区	133	*
		84	Outbound Routing	NANP		<u> </u>	- P	
F (Not Configured)		85	Testing	NANP	<u>네</u>	<u> </u>	13	15.73
#7 (Not Configured)		86.	Not Configured		<u> </u>	<u> </u>	1.3	ैं।
	4.4	87	Not Configured	6	-			1
		88	Not Configured	7				~****
		89	Not Configured	8	¥.	V	- Carrier	191
49.(External)	1 100	A STATE OF THE STA		ii 9 2	1		Talight.	130
				10	3			***
				<u>11</u>	<u>F</u>			Ŧ
4 2 2 2 2 2 2 2			A CONTRACTOR OF THE PARTY OF TH	12	7			4
	7.7				Tel Se	Fone C	Help	1100

F16. 41

irst Digits Local Are	a Codes				
Local Area Codes					
	bbA=			Remove	
1212					
212				13 13 13 13 13	
				200	
				\$2.5 \$2.5 \$2.5 \$2.5 \$2.5 \$2.5 \$2.5 \$2.5	
Home Area Code:	212	1			
			Section 19		
				y Done	

F16.42

Voice Mail (Limits	Age, dept. regis, sile av. fe	Mail (Interaction)	Fault	lonitor
System	PBX	PBX	(Advanced)	
Audio				ALTO S
☑ Enable Music On	Hold			
Enable Public Ad	dress			
External Caller ID				MODEL.
Prefix Digits: 40823	the second of the second second second	Service Control of Services 15		4,440
Default External Call	CALL TO A COLUMN TO THE COLUMN TWO IS NOT THE COLUMN TO TH	rcalls initiated by	stations):	
C Company Name				
Station Name and	Prefor Digits +	Extension Numb	er 1860	
C None				

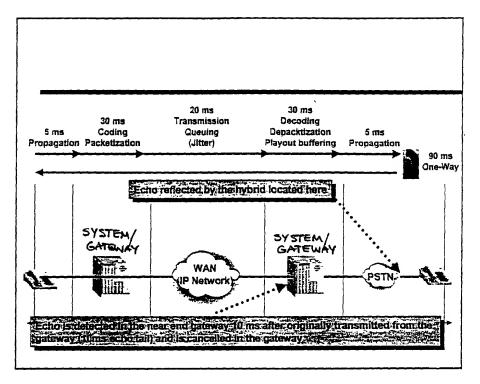
F16-43A

		alminimization of the	THE CONTRACT OF	进制物
lames T1 Interface	1	A S. T. T. S.	The Control of the Co	7.4°
Direction: Cln Co	out : • Both			
in out				
Caller ID Format				
G Send Internal Call	erID ("as recei	ved" in tandem	calls)	
C Send External Call				
C Send Company Ma				
C Da Not Send Calle				
The state of the s				
Hundrype				
⊙ Linear		Circular		
			OKER	ancel

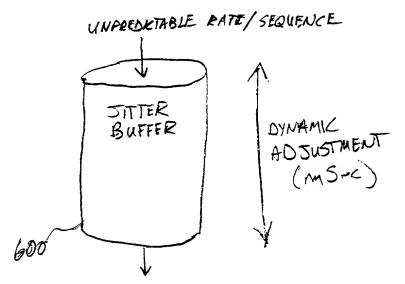
F16:438

	20666				
ension:	The second section is the second second				
play Names	Station 200				
verview: Fea	tures Forwarding	Pickup List			
ard/Ports	Slot 1		Port 1: Station 2	00	Section 1
ccess Profile	Default	A CONTRACTOR OF THE PARTY OF TH		to gradual livers. The course of the course	~
anguage	English (United	States)	And the Control of th		÷
Attendar					
	workolline:	was post of the same			
C Neither					
External Cal		Second Cotting			
ALCOHOL: CAMPAGE AND AND AND ADDRESS OF THE PARTY OF THE	snumber.	ed in General Setting			
	exiensions to the o	lefault-DID pattern			
	company's main b				
	rinormation.				
				OK:	Cance

F16.43c



F16.44



CONSTANT PATE/ SEQUENCE FIG. 45

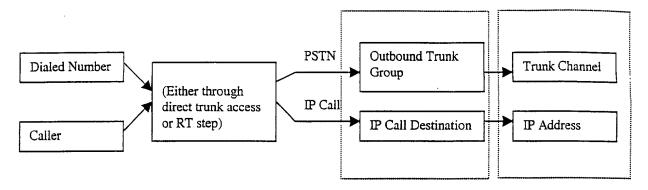
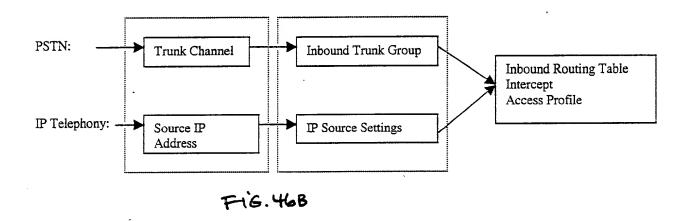


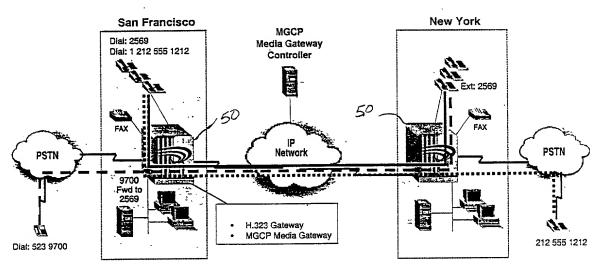
FIG. 46A



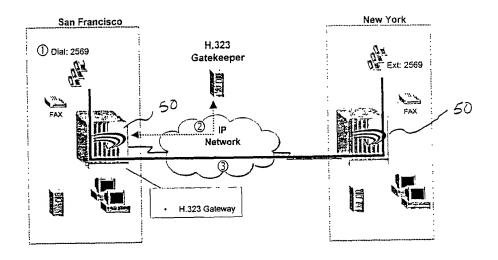
Routing Table Name : To Mustang Destination ISDN Keep Last Prepend Postpend Strip First Settings n Digits n Digits Digits -Digits ⊒ Down IP|Mustang Voice Digital N/A Voice Analog N/A

Fig. 46c

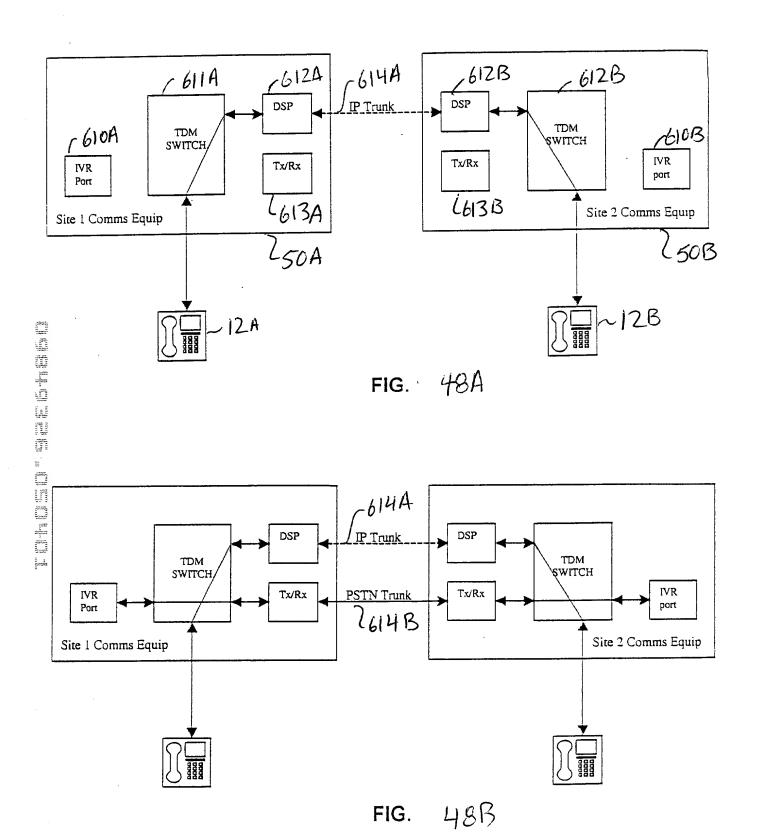
- Extension to extension (Uniform Dialing)
- Extension to external telephone (toll bypass)
- External telephone to extension



F16.47A



F16.47B



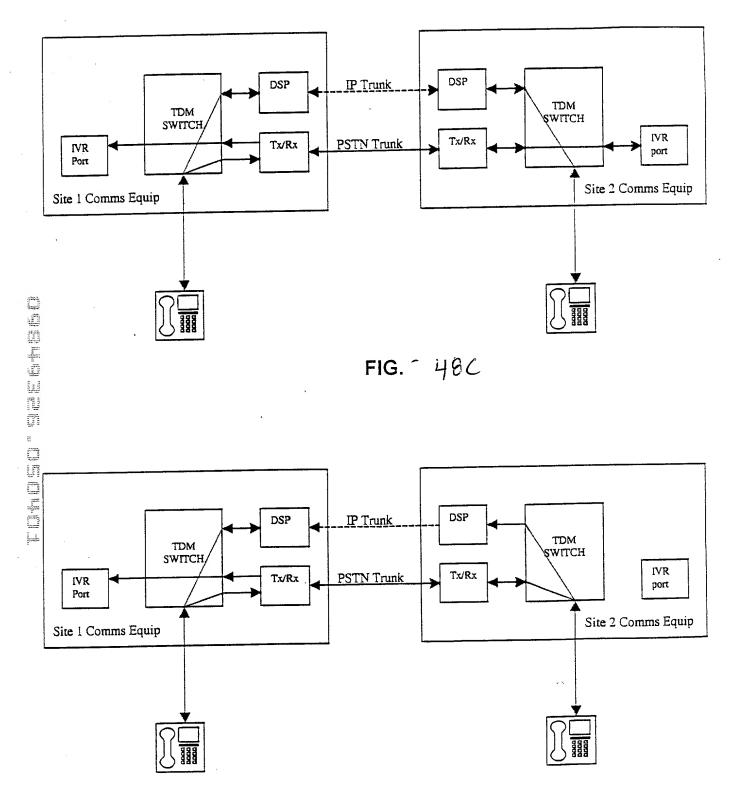


FIG. 4 48D

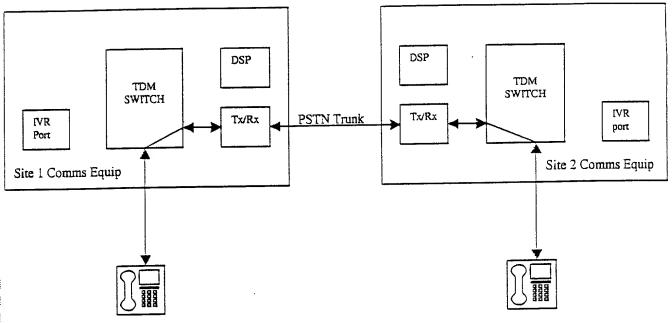


FIG.: 48E

